

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A method of creating conduits for synchronizations, comprising:

generating a first graphical user interface;

selecting a first database and a second database on said first graphical user interface;

mapping at least one field of said first database to a corresponding field of said second database in a map file;

programming a conduit with said map file; and

executing said conduit with said map file in response to a synchronization request, wherein said conduit provides synchronization rules from said map file for said first database and said second database.

2. (original) The method according to claim 1, further comprising:

browsing for one of said first database and said second database in response to selection of said first database and said second database; and

importing said other one of said first database and said second database in response to selection of said first database and said second database.

3. (previously presented) The method according to claim 1, wherein:

said one of said first database and said second database is a client application database and an other of said first database and said second database is an enterprise application database.

4. (previously presented) The method according to claim 1, further comprising:

generating a second graphical user interface said mapping of said at least one field of said first database to said corresponding field of said second database to said map file.

5. (original) The method according to claim 4, further comprising:

selecting said first database from said second graphical user interface;

importing a plurality of fields of said first database; and
displaying said plurality of fields of said first database.

6. (original) The method according to claim 5, further comprising:

selecting said second database from said second graphical user interface;

importing a plurality of fields of said second database; and
displaying said plurality of fields of said second database.

7. (original) The method according to claim 6, further comprising:

generating a third graphical user interface in response to a completion of said display of said plurality of fields of said first database and said plurality of field of said second database;

mapping said plurality of fields of said first database to respective fields of said plurality of fields of said second database by a default rule into a set of rules; and

displaying said initial set of rules for said mapping of said plurality of fields of said first database to respective fields of said plurality of fields of said second database.

8. (original) The method according to claim 7, further comprising:

selecting a rule from said set of rules; and
deleting said rule from said set of rules.

9. (original) The method according to claim 7, further comprising:

selecting a mechanism for adding a rule to said set of rules;
generating a fourth graphical user interface for adding said rule to said initial set of rules in response to said selection of said mechanism.

10. (original) The method according to claim 9, further comprising:

selecting a field from said plurality of fields of said first database from said fourth graphical user interface;
selecting a corresponding field from said plurality of fields of said second database from said fourth graphical user interface; and
mapping said field from said plurality of fields of said first database to said corresponding field from said plurality of fields of said second database.

11. (original) The method according to claim 10, further comprising:

saving said set of rules as said map file.

12. (previously presented) A method of synchronizing databases, comprising:

configuring a conduit with a graphical user interface to synchronize a first database and a second database;
initiating a synchronization request; and
synchronizing said first database and said second database according to said conduit in response to said synchronization request.

13. (previously presented) The method according to claim 12, wherein said step of configuring comprises:

generating said graphical user interface to select a first database and a second database from said first graphical user interface;

mapping at least one field of said first database to a respective field of said second database to a map file;

linking said conduit with said map file; and

executing said conduit with said map file in response to a synchronization request to synchronize said first database and said second database according to said map file.

14. (original) The method according to claim 13, wherein said selection of said first database and said second database comprises:

browsing for one of said first database and said second database in response to selection of said first database and said second database; and

importing said other one of said first database and said second database in response to selection of said first database and said second database.

15. (original) The method according to claim 14, further comprising:

displaying a plurality of fields of said first database and a plurality of fields of said second database within a display element of said first graphical user interface;

initiating a generation of a second graphical user interface; and

displaying a set of rules for mapping each field of said plurality of field of said first database with a corresponding field of said plurality of fields of said second database.

16. (original) The method according to claim 15, further comprising:

selecting a rule from said set of rules; and
deleting said rule from said set of rules.

17. (original) The method according to claim 16, further comprising:

initiating a mechanism on said second graphical user interface for adding a new rule to said initial set of rules;

generating a third graphical user interface for said adding of said new rule;

selecting a field from said plurality of fields of said first database and a corresponding field from said plurality of fields of said second database on said third graphical user interface; and

adding said new rule in response to a completion of said selection of said field and said corresponding field.

18. (previously presented) The method according to claim 17, further comprising:

saving modified set of rules in a persistent memory storage for access by said conduit.

19. (original) A computer readable storage medium on which is embedded one or more computer programs, said one or more computer programs implementing a method of creating conduits for synchronizations, said one or more computer programs comprising a set of instructions for:

generating a first graphical user interface;

selecting a first database and a second database on said first graphical user interface;

mapping at least one field of said first database to a corresponding field of said second database in a map file;

programming a conduit with said map file; and

executing said conduit with said map file in response to a synchronization request, wherein said conduit provides synchronization rules from said map file for said first database and said second database.

20. (previously presented) The computer readable storage medium according to claim 19, said one or more computer programs further comprising a set of instructions for:

browsing for one of said first database and said second database in response to selection of said first database and said second database; and

importing said other one of said first database and said second database in response to selection of said first database and said second database.

21. (previously presented) The computer readable storage medium according to claim 19, wherein:

said one of said first database and said second database is a client application database and an other of said first database and said second database is an enterprise application database.

22. (previously presented) The computer readable storage medium according to claim 19, said one or more computer programs further comprising a set of instructions for:

generating a second graphical user interface said mapping of said at least one field of said first database to said corresponding field of said second database to said map file.

23. (previously presented) The computer readable storage medium according to claim 22, said one or more computer programs further comprising a set of instructions for:

selecting said first database from said second graphical user interface;

importing a plurality of fields of said first database; and

displaying said plurality of fields of said first database.

24. (previously presented) The computer readable storage medium according to claim 23, said one or more computer programs further comprising a set of instructions for:

selecting said second database from said second graphical user interface;

importing a plurality of fields of said second database; and

displaying said plurality of fields of said second database.

25. (previously presented) The computer readable storage medium according to claim 24, said one or more computer programs further comprising a set of instructions for:

generating a third graphical user interface in response to a completion of said display of said plurality of fields of said first database and said plurality of field of said second database;

mapping said plurality of fields of said first database to respective fields of said plurality of fields of said second database by a default rule into a set of rules; and

displaying said set of rules for said mapping of said plurality of fields of said first database to respective fields of said plurality of fields of said second database.

26. (previously presented) The computer readable storage medium according to claim 25, said one or more computer programs further comprising a set of instructions for:

selecting a rule from said set of rules; and

deleting said rule from said set of rules.

27. (previously presented) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

selecting a mechanism for adding a rule to said set of rules; and

generating a fourth graphical user interface for adding said rule to said set of rules in response to said selection of said mechanism.

28. (previously presented) The computer readable storage medium according to claim 27, said one or more computer programs further comprising a set of instructions for:

- selecting a field from said plurality of fields of said first database from said fourth graphical user interface;

- selecting a corresponding field from said plurality of fields of said second database from said fourth graphical user interface; and

- mapping said field from said plurality of fields of said first database to said corresponding field from said plurality of fields of said second database.

29. (previously presented) The computer readable storage medium according to claim 28, said one or more computer programs further comprising a set of instructions for:

- saving said set of rules as said map file.

30. (original) An apparatus for creating conduits for synchronizations, comprising:

- means for generating a first graphical user interface;

- means for selecting a first database and a second database on said first graphical user interface;

- means for mapping at least one field of said first database to a corresponding field of said second database in a map file;

- means for programming a conduit with said map file; and

- means for executing said conduit with said map file in response to a synchronization request, wherein said conduit provides synchronization rules from said map file for said first database and said second database.

31. (original) The apparatus according to claim 30, further comprising:

means for browsing for one of said first database and said second database in response to selection of said first database and said second database; and

means for importing said other one of said first database and said second database in response to selection of said first database and said second database.

32. (previously presented) The apparatus according to claim 30, wherein:

one of said first database and said second database is a client application database and an other of said first database and said second database is an enterprise application database.

33. (previously presented) The apparatus according to claim 30, further comprising:

means for generating a second graphical user interface to map said at least one field of said first database to said corresponding field of said second database to said map file.

34. (original) The apparatus according to claim 33, further comprising:

means for selecting said first database from said second graphical user interface;

importing a plurality of fields of said first database; and

displaying said plurality of fields of said first database.

35. (original) The apparatus according to claim 34, further comprising:

means for selecting said second database from said second graphical user interface;

means for importing a plurality of fields of said second database;
and

means for displaying said plurality of fields of said second database.

36. (previously presented) The apparatus according to claim 35, further comprising:

means for generating a third graphical user interface in response to a completion of said display of said plurality of fields of said first database and said plurality of fields of said second database;

means for mapping said plurality of fields of said first database to respective fields of said plurality of fields of said second database by a default rule into a set of rules; and

means for displaying said initial set of rules for said mapping of said plurality of fields of said first database to respective fields of said plurality of fields of said second database.

37. (original) The apparatus according to claim 36, further comprising:

means for selecting a rule from said initial set of rules; and

means for deleting said rule from said initial set of rules.

38. (previously presented) The apparatus according to claim 36, further comprising:

means for selecting a mechanism for adding a rule to said initial set of rules; and

means for generating a fourth graphical user interface for adding said rule to said set of rules in response to said selection of said mechanism.

39. (original) The apparatus according to claim 38, further comprising:

means for selecting a field from said plurality of fields of said first database from said fourth graphical user interface;

means for selecting a corresponding field from said plurality of fields of said second database from said fourth graphical user interface; and

means for mapping said field from said plurality of fields of said first database to said corresponding field from said plurality of fields of said second database.

40. (original) The apparatus according to claim 39, further comprising:

means for saving said set of rules as said map file.

41. (previously presented) A conduit for synchronization, comprising:

a plurality of mapping files associated with a plurality of databases; and

a configurable conduit programmed with a graphical user interface to synchronize said each database of said plurality of databases according to a respective mapping file of said plurality of mapping files.

42. (previously presented) The conduit according to claim 41, wherein:

each mapping file of said plurality of mapping files is configured to specify a mapping of at least one field of a first database to a corresponding field of a second database.

43. (previously presented) The conduit according to claim 41, wherein:

one of said first database and said second database is a client database.

44. (previously presented) The conduit according to claim 43, wherein:

an other of said first database and said second database is an enterprise database.

45. (previously presented) The conduit according to claim 41, wherein:

each mapping file of said plurality of mapping files is configured to specify a direction of overwrite of data between a first database and a second database.

46. (previously presented) A method of creating a conduit to synchronize a first database and a second database, comprising:

selecting said first database and said second database on a graphical user interface; and

generating said conduit based on said step of selecting said first database and said second database on said graphical user interface.

47. (previously presented) The method of creating a conduit to synchronize a first database and a second database according to claim 46, further comprising:

mapping a field of said first database to a corresponding field of said second database.

48. (previously presented) The method of creating a conduit to synchronize a first database and a second database according to claim 47, wherein:

said mapping said field of said first database to a corresponding field of said second database is mapped into a map file.

49. (previously presented) The method of creating a conduit to synchronize a first database and a second database according to claim 46, wherein:

one of said first database and said second database is a client application database and an other of said first database and said second database is an enterprise application database.

50. (previously presented) A system for creating a conduit to synchronize a first database and a second database, comprising:

a selector to select said first database and said second database on a graphical user interface; and

a generator to generate said conduit based on said step of selecting said first database and said second database on said graphical user interface.

51. (previously presented) The system for creating a conduit to synchronize a first database and a second database according to claim 50, further comprising:

a mapper to map a field of said first database to a corresponding field of said second database.

52. (previously presented) The method of creating a conduit to synchronize a first database and a second database according to claim 51, wherein:

said mapper maps said field of said first database to a corresponding field of said second database into a map file.

53. (previously presented) The method of creating a conduit to synchronize a first database and a second database according to claim 50, wherein:

one of said first database and said second database is a client application database and an other of said first database and said second database is an enterprise application database.

54. (previously presented) A system for creating a conduit to synchronize a first database and a second database, comprising:

means for selecting said first database and said second database on a graphical user interface; and

means for generating said conduit based on said step of selecting said first database and said second database on said graphical user interface.

55. (previously presented) The system for creating a conduit to synchronize a first database and a second database according to claim 54, further comprising:

means for mapping a field of said first database to a corresponding field of said second database.

56. (previously presented) The system for creating a conduit to synchronize a first database and a second database according to claim 55, wherein:

said means for mapping said field of said first database to a corresponding field of said second database maps said field into a map file.

57. (previously presented) The system for creating a conduit to synchronize a first database and a second database according to claim 54, wherein:

one of said first database and said second database is a client application database and an other of said first database and said second database is an enterprise application database.